

ABSTRACT

A fabric is provided that has high degree of flame resistance in the case of a union fabric consisting of a halogen-containing flame resistant fiber including antimony compounds (A), and a cellulosic fiber, and the fabric is classified into class M1 of NF P 92-503 combustion test in France. A flame resistant union fabric obtained by co-weaving: a compound yarn (A) 30% to 70% by weight obtained by compounding a halogen-containing flame resistant fiber (a-1) including an antimony compound 25 to 50 parts by weight in an acrylic based copolymer 100 parts by weight obtained by polymerizing a monomer mixture including acrylonitrile 30 to 70% by weight, a halogen containing vinyl based monomer 30 to 70 % by weight, and a vinyl based monomer copolymerizable therewith 0 to 10 % by weight, and an other fiber (a-2), the compound yarn (A) having an elongation percentage less than 5% under a condition of a load of 300 mg/metric count of No. 17, and of a temperature range of 100 degrees C to 500 degrees C; a cellulosic fiber yarn (B) 70 to 30% by weight.